WINDOW VENT PO 400

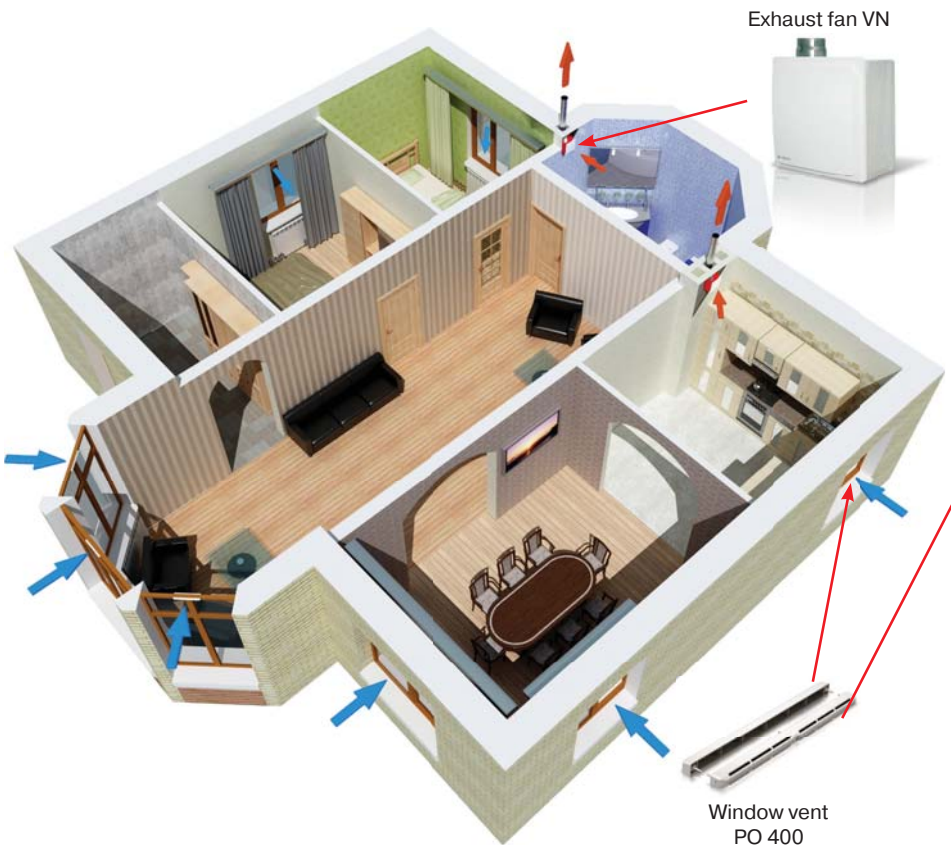
BRAND NEW

In modern residential buildings special attention should be given to air exchange system. Ventilation problems that arise from application of airproof windows could not be solved by old technical means that were designed for inflow of fresh air through numerous cracks in the windows. A passive inflow device such as window ventilation allows to arrange natural inflow of fresh air even with new, almost airproof windows.

Window vent is an inflow device meant for permanent ventilation and is designed for supply of fresh air in residential and non-residential premises. Such ventilation can be built into different sized window frames in apartments, cottages, office buildings. It is ideal for a place where permanent inflow of fresh air is required. Inflow device obviates the need for opening windows and at the same time it provides access to fresh air without draughts and street noise.
Specially designed window vent framework provides operating convenience while a built-in dust filter provides access to clean air in the premises.

Air exchange system in premises

You can follow the example to arrange ventilation in the city apartment of multistory block of flats. Mechanical exhaust ventilation systems with natural air inflow are designed together with exhaust fans, mounted in the kitchen and in toilet facilities. Clean air flows through window ventilation into residential premises (bedroom, drawing-room). The air flows through internal doors into the bath room and kitchen, as it gets more and more polluted, where it is vented by exhaust fans.



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Window vent design

External capony protects premise from water penetration, a built-in insect protection is an additional feature.

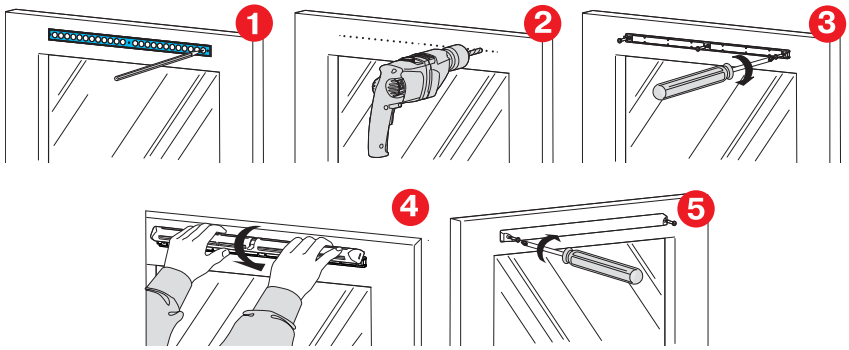
Filter is an excellent method for protection from dust and dirt; it detains excessive humidity and reduces the level of street noise.

Internal grille with adjustment allows to adjust the volume and direction of incoming air.

Window vent mounting in the window frame

Installation

PO 400 is mounted on the top of the window frame.

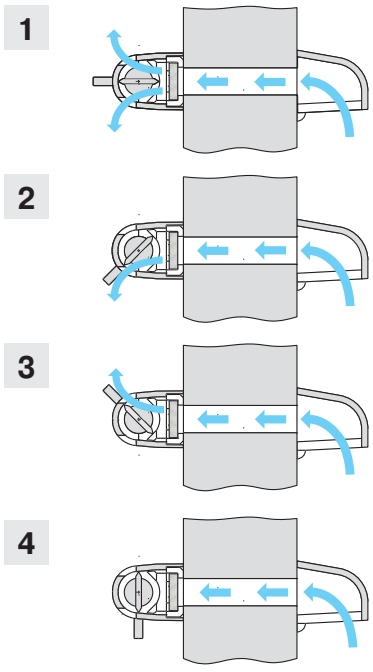


Maximum air inflow of one window vent amounts to 20-40 m^3/h.

Adjustment

PO 400 is distinct in controllable base that allows to direct the air flow depending on position of the window towards the window jamb and provides maximum comfort.

1. Control in “open (center)” position.
Incoming air comes into premise in all directions.
2. Control in “open down” position.
Incoming air comes into premise only in the lower direction.
3. Control in “open up” position.
Incoming air comes into premise only in upper direction.
4. Control in “close” position.
Incoming air does not come into premise.



Air flow distribution in different control positions

Order code

PO 400

Colors	Packaging
White, Brown	

Carton box

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